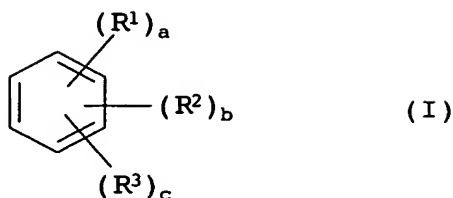


We claim:

1. A phosphoric ester of the formula I

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where

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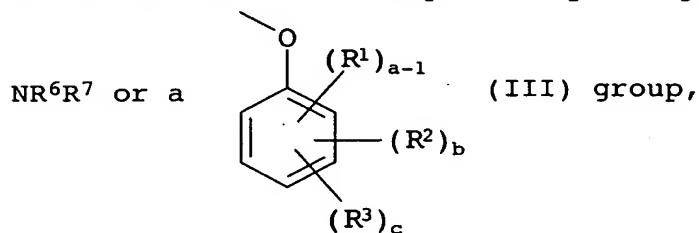
each R¹ is independently a group $\text{—O—P}(=\text{O})(\text{R}^4)(\text{R}^5)$ (II),

20

R⁴ and R⁵ are each independently halogen, OR⁶, SR⁶,

NR⁶R⁷ or a

25



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R⁶ and R⁷ are each independently H, C₁-C₂₀-alkyl or C₂-C₄₀₀₀-alkyl which is interrupted by at least one moiety which is selected from O, S and NR⁸, and R⁶ and R⁷ together with the nitrogen atom to which they are bonded may also form a ring, and R⁶ and R⁷ are also aryl, aralkyl or cycloalkyl; and

35

R⁸ is as defined for R⁶ and R⁷;

R² is a polyisobutene radical;

40

each R³ is independently OH, C₁-C₂₄-alkyl, C₁-C₂₄-alkoxy or halogen;

a and b are each a number from 1 to 3 and

45

c is a number from 0 to 4,

42

where the sum of a, b and c is from 2 to 6,

and salts thereof.

5 2. A phosphoric ester as claimed in claim 1, wherein a is 1.

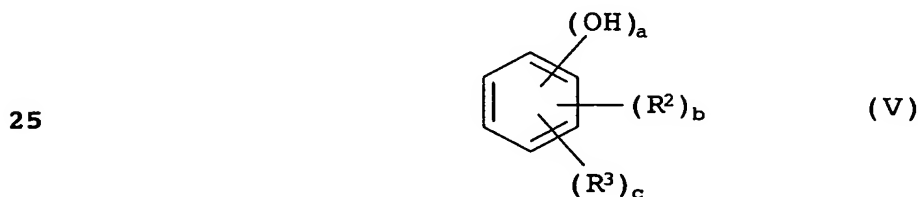
3. A phosphoric ester as claimed in either of claims 1 or 2,
wherein b is 1 or 2.

10 4. A phosphoric ester as claimed in any of the preceding claims,
wherein c is 0 or 1.

5. A phosphoric ester as claimed in any of the preceding claims,
wherein R^2 is a radical derived from a reactive
15 polyisobutene.

6. A process for preparing a phosphoric ester as defined in any
of claims 1 to 5, by

20 a) reacting an aromatic hydroxyl compound of the formula V



30

where R^2 and R^3 and also a, b and c are each as defined
in any of claims 1 to 5 with a phosphorus oxide halide
and

35 b) subsequently reacting the reaction product from step a)
optionally with water, at least one alcohol, at least one
thiol and/or at least one amine.

7. A phosphoric ester-containing composition obtainable by
40

a) reacting an aromatic hydroxyl compound of the formula V
as defined in claim 6 with a phosphorus oxide halide and

45 b) subsequently reacting the reaction product from step a)
optionally with water, at least one alcohol, at least one
thiol and/or at least one amine.

8. The use of phosphoric esters as defined in any of claims 1 to 5 or of a phosphoric ester-containing composition as defined in claim 7 for surface modification of organic or inorganic material, as a corrosion inhibitor, friction modifier, emulsifier, dispersant, adhesion promoter, wetting agent, wetting inhibitor, volatilizing agents or printing ink additives.
9. The use as claimed in claim 8, wherein R^4 and R^5 are each independently OR^6 , SR^6 or NR^6R^7 .
10. A fuel and lubricant additive comprising a phosphoric ester as defined in any of claims 1 to 5 or a phosphoric ester-containing composition as defined in claim 7.
11. A fuel and lubricant composition comprising a main amount of a hydrocarbon fuel or of a lubricant and a phosphoric ester as defined in any of claims 1 to 5 or a phosphoric ester-containing composition as defined in claim 7 and also optionally at least one further additive.
12. An additive concentrate comprising a phosphoric ester as defined in any of claims 1 to 5 or a phosphoric ester-containing composition as defined in claim 7 and at least one diluent and optionally at least one further additive.
13. A printing ink comprising a phosphoric ester as defined in any of claims 1 to 5 or a phosphoric ester-containing composition as defined in claim 7 and at least one colorant.